

Construct 549 L.F. cut-off trench per detail, this sheet.

Install 5,446 S.Y. Curlex II, or approved equal. Erosion control mat shall be installed and anchored per manufacturer's specifications. Note: This quantity does not include excess material necessary for overlap and anchoring.

PROPOSED POND C (Static WS = 1325.5) GROUNDWATER RES. "H"  
 Install 55 S.Y. of 6" - 9" stone Rip-rap. Per detail this sheet. To be paid as Light Stone Rip-rap.

Construct pond per detail, this sheet.

Construct 579 L.F. cut-off trench per detail, this sheet.

BL Sta 0+00 = South line of Res. H, as extended west to east PL of Cimarron.

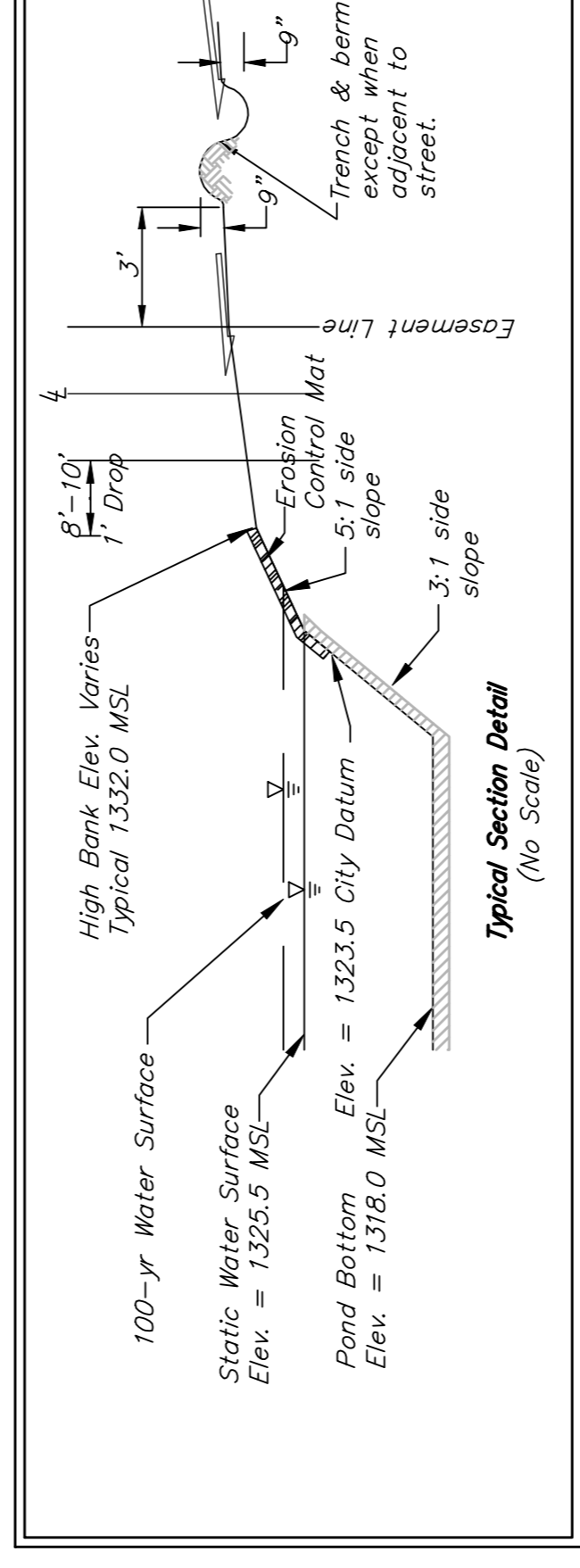
BL Sta 4+90.04 SW corner of Res. "H"

NOTES:

- PONDS #1 & #2 ONLY: Pond bottom and sideslopes below static pool elevation shall be over-excavated 1.5' and a 1.5' clay liner shall be compacted to 95% std. density. The plasticity index (P.I.) shall be at least 28. The compaction and P.I. shall be verified during construction. P.I. determination and compaction testing shall be arranged by the contractor at the request of the inspector. Contractor shall use the best available material on site for clay liner. Cost shall be incidental to "Site Clearing & Restoration". Cost of over-excavation, to install Clay Liner shall be incidental to bid item, "Excavation."
- Any excess excavation shall be stockpiled on-site at an area indicated by the Engineer out of easements and R/W. Area will be staked by Engineer. Additional area will be staked out if needed.
- All of Reserves "D", "F", "G" & "H" above the static water surface shall be seeded and mulched as follows: (Permanent Seeding)  
 SEED -- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft.  
 FERTILIZER -- 12-24-12 Ratio at 350 Lbs./Ac.  
 MULCH -- 2 Tons Prairie Hay / Acre  
 All of Reserve "J" shall be seeded and mulched as follows: (Permanent Wild Seeding)  
 SEED -- 90% Prairie Magic Tall Mixture & 10% Mid American Wild Flower Mix; 8#/1000 Sq. Ft.  
 FERTILIZER -- 12-24-12 Ratio at 350 Lbs./Ac.  
 MULCH -- 2 Tons Prairie Hay / Acre  
 All other disturbed areas not in street R/W are to be seeded as follows: (Temporary seeding)  
 SEED -- Rye grass (PLS)--5#/1000 Sq. Ft. and Kansas Premium Fescue Blend; 5#/1000 Sq. Ft.
- Install Erosion Control Mat (Curlex II or approved equal) from 2' below the water surface to top bank except on Pond "A" and Pond "B" shall have the Erosion Control Mat installed to the bottom.
- Contractor to strip top 3" of soil within Res. "D", "F", "G", "H" & "J" and street R/W before mass grading and stockpile. Top soil stockpile to be redistributed over Reserves "D", "F", "G", "H" & "J" above water elevation prior to seeding at a thickness of 1".
- Compaction of 95% shall be obtained in all street R/W's, 90% in all other areas including berm construction.

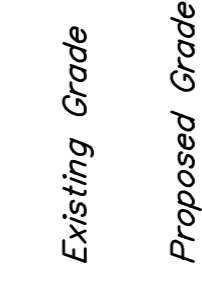
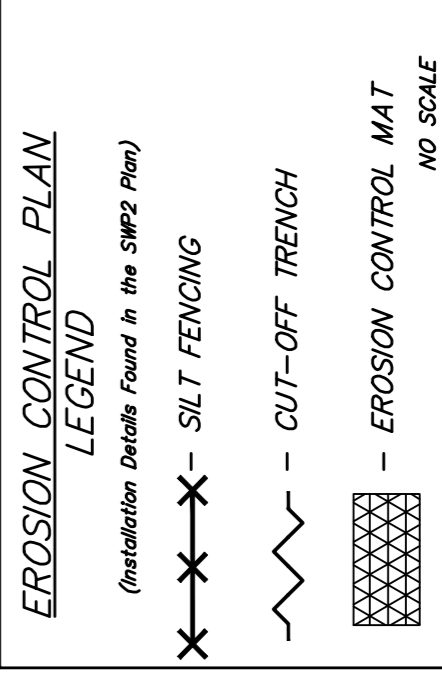


Scale: 1" = 40'



EARTH WORK TOTALS		
C. Y. CUT	C. Y. FILL	
POND A	6,859	904
POND B	21,662	1,158
POND C	216,683	180
POND D	54,537	263
BERM J	352	68,558
BERM D	-	5,258
LOT 1E	-	2,900
POND PIT	6,100	-
DITCH	7,200	-
LOTS	37,235	296,785
TOTAL	350,628	376,006

Earthwork quantities do not include correction factors and are for reference only. All cost associated with mass grading & berming shall be included in the bid item "Mass Grading".



EDGE WATER ADDITION  
**POND PLAN C**  
 WICHITA, KANSAS

EDGE WATER ARCHITECTURE  
 PROJECT NUMBER 488-54933  
 DESIGN ATD  
 DRAWN TMS  
 APPROVED DATE 09/07  
 REVISIONS

SCALE Noted  
 SHEET **27** OF **44**

07-03-5839  
 EdgeWater Pond 3a

